

AMENDMENTS TO THE CLAIMS:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (original) Seat of a motor vehicle with a seat back (14) and a seat cushion (1) which is provided with an underspring (2), the springs (3) being arranged substantially in a horizontal plane in or under the seat cushion (1) and are held in each case at their ends on a holding part (4, 5), characterized in that means (6) for the adjustment of the stiffness of the springs (3) are provided and that each spring (3) has a separate system (6) for adjusting its spring stiffness.

2. (original) Seat according to claim 1, characterized in that the means (6) for the adjustment of the spring stiffness are configured such that they permit a mechanical shifting of elements substantially in a horizontal plane and in the longitudinal direction of the particular springs (3).

3. (currently amended) Seat according to claim 1 [[or 2]], characterized in that a manual, mechanical actuating device (7) is provided for the means (6) for the adjustment of the spring stiffness.

4. (currently amended) Seat according to claim 1 ~~any one of the foregoing claims~~, characterized in that an electronic actuating apparatus (7) is provided for adjusting the spring stiffness as well as a control (8) for the automatic adjustment of the spring stiffness for different persons and/or driving situations of the vehicle.

5. (currently amended) Seat according to claim 1 ~~any one of claims 1 to 2 and 4~~, characterized in that the means (6) for the adjustment of the spring stiffness of the springs (3) are coupled with a sensing means for recording

body data of the driver and an adaptive control of the underspring (2) is provided for the automatic adaptation of the stiffness of the springs (3).

6. (currently amended) Seat according to claim 1 ~~any one of claims 1 to 4~~, characterized in that the means for the adjustment of the stiffness of the springs (3) are coupled with a control of the motor vehicle for the automatic adaptation of the stiffness of the underspring (2) to different driving situations or driving style.

7. (currently amended) Seat according to claim 1 ~~any one of the foregoing claims~~, characterized in that the springs (3) consist of at least two leaf springs (11, 12) joined together, which are loose at one end and fixedly held at the other end, and whose effective spring length is variable by at least one slider (9) which is fastened displaceably on the leaf spring pair.

8. (currently amended) Seat according to claim 1 ~~any one of claims 1 to 6~~, characterized in that the springs (3) are meander-shaped wire springs, and that at least one of the holding parts (4, 5) is horizontally displaceable in the direction of the length of the springs.

9. (original) Seat according to claim 8, characterized in that the springs (3) are adjustable mechanically in their stiffness by a spindle provided with the operating device.

10. (original) Springing for a seat of a motor vehicle, having a plurality of mechanical springs (3), the springs (3) being arranged substantially in a horizontal plane with respect to the seat cushion of the seat, and are held in each case at their ends on a holding part (4, 5), characterized in that means (6) for the adjustment of the stiffness of the springs (3) are provided, and that each spring (3) has a separate system (6) for the adjustment of its stiffness.

11. (original) Springing according to claim 10, characterized in that it is adapted to become integrated subsequently into a seat cushion of a motor vehicle seat.